

Close SBS Contactors Flow Chart

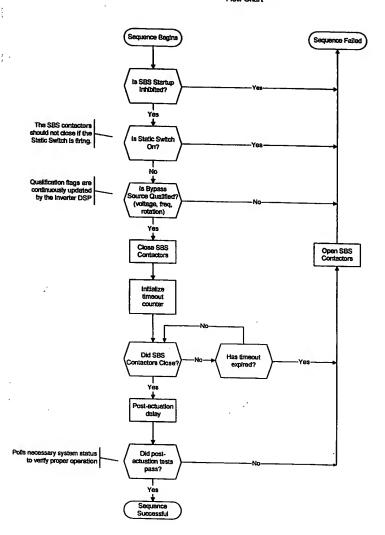
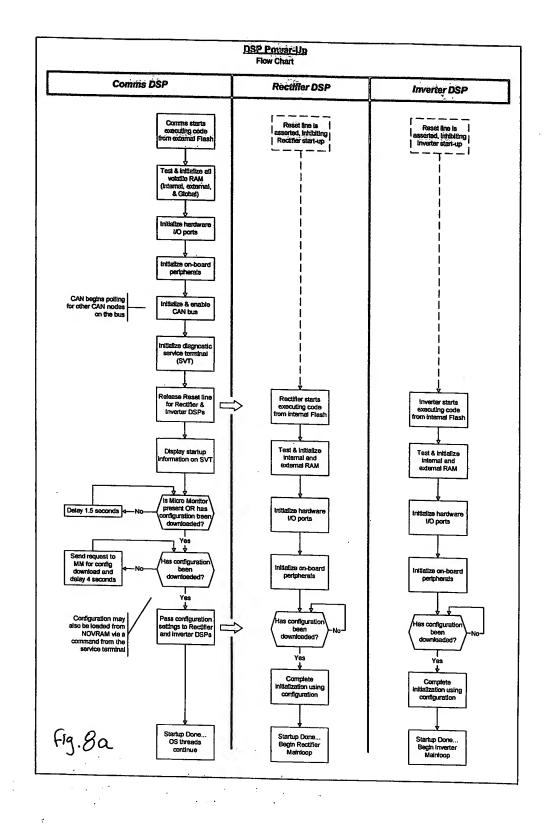


Fig.8



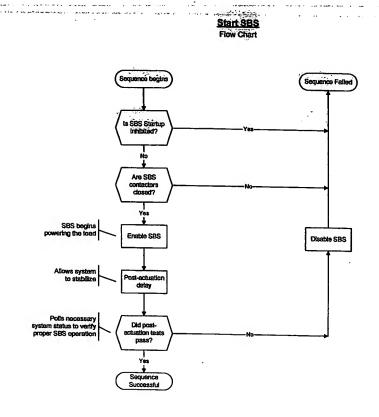
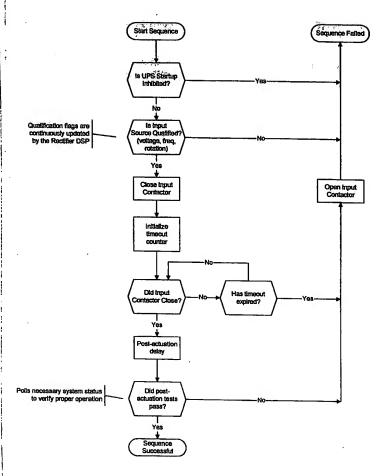


Fig.9



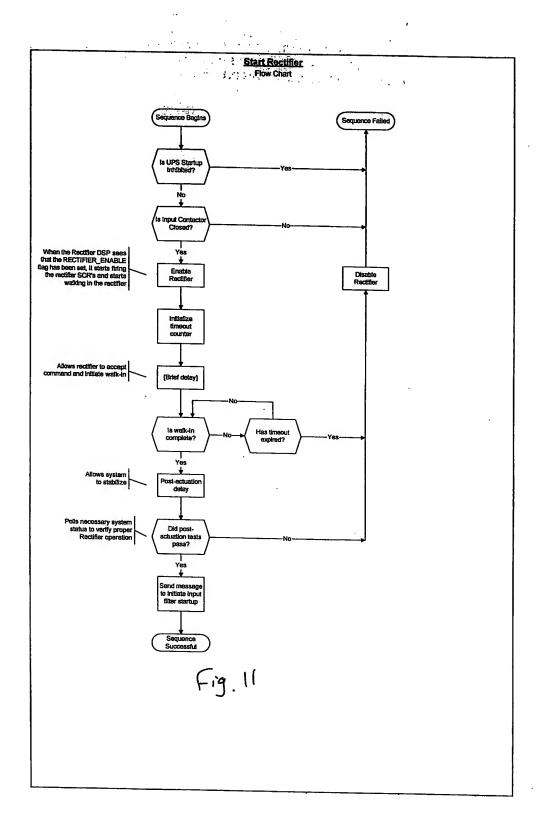
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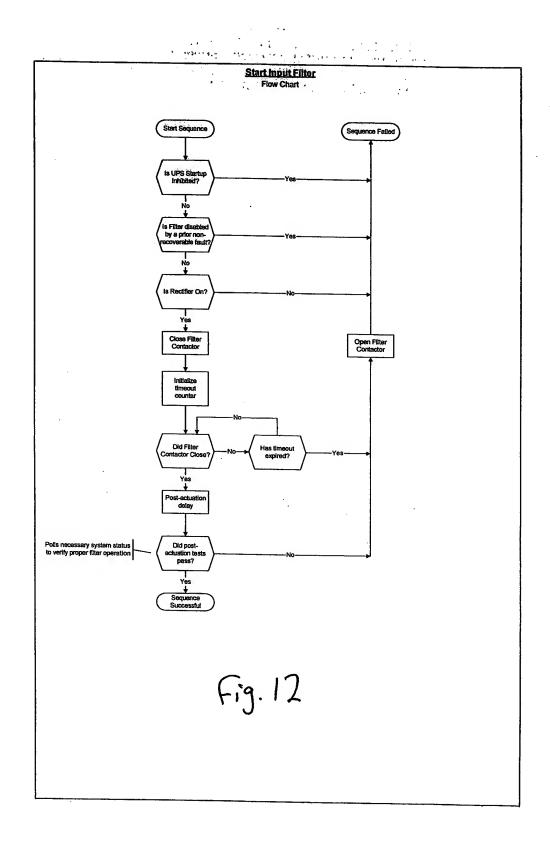
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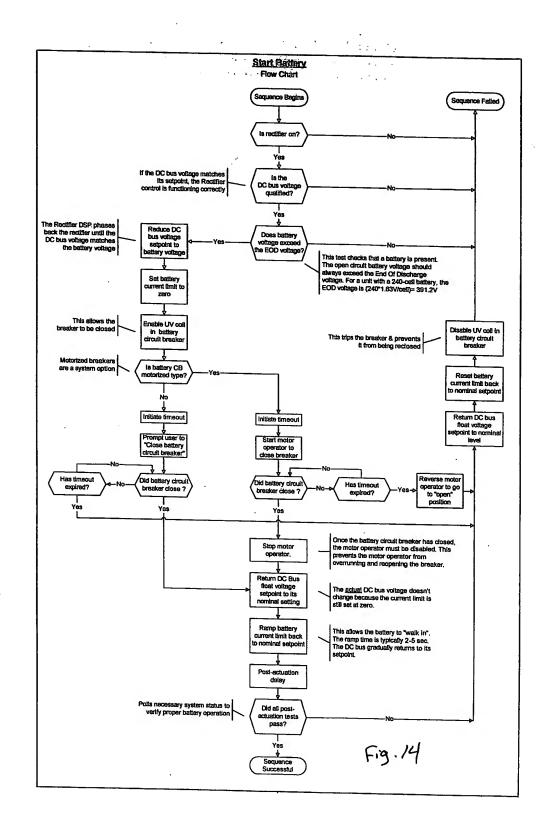
fig. 10

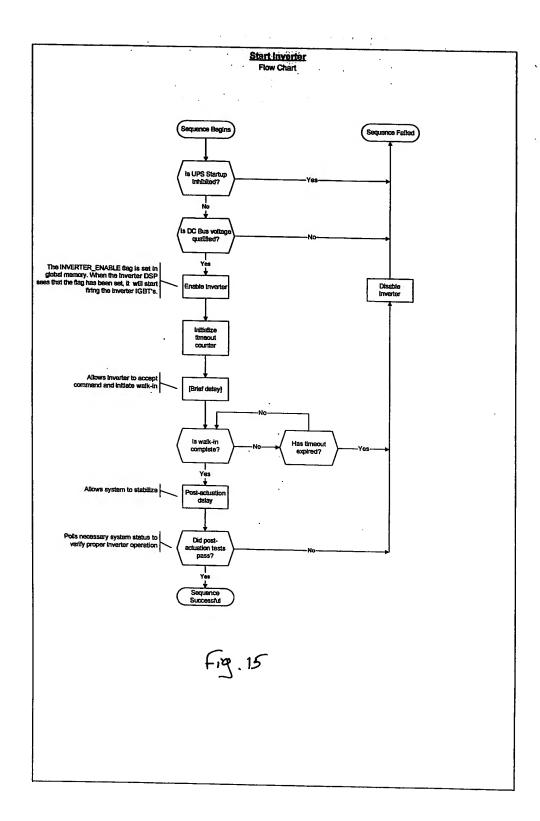


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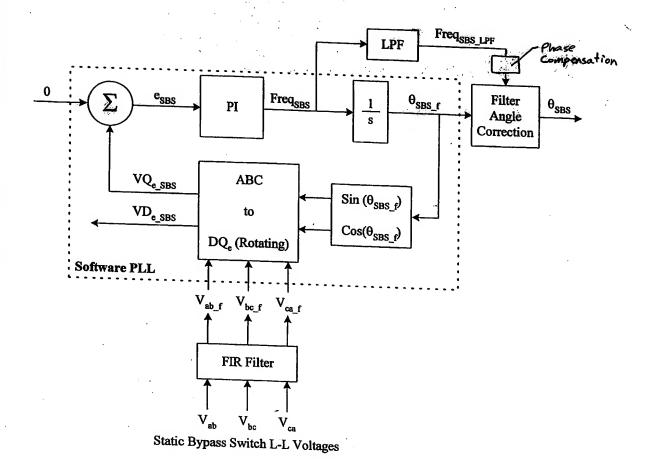


Fig. 16

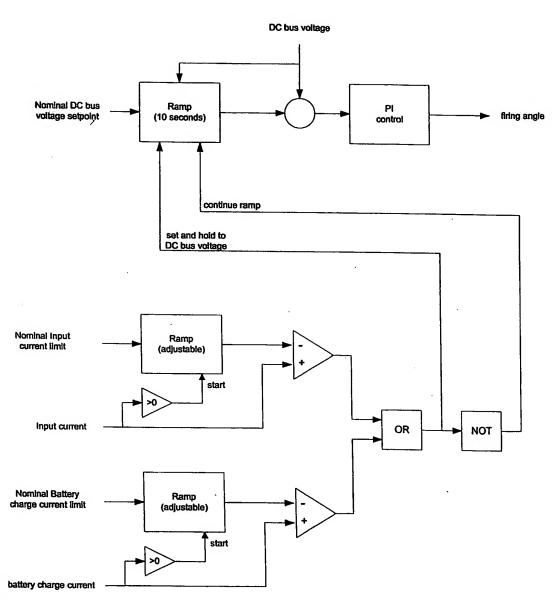


Fig. 17a

Rectifier Control Block Diagram

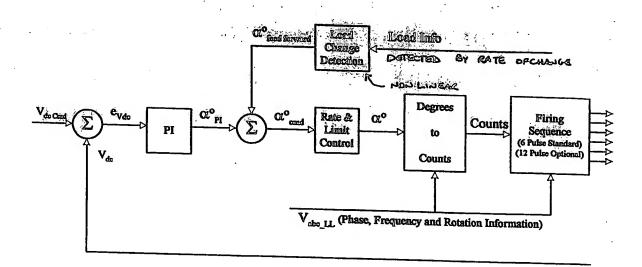


Fig. 175

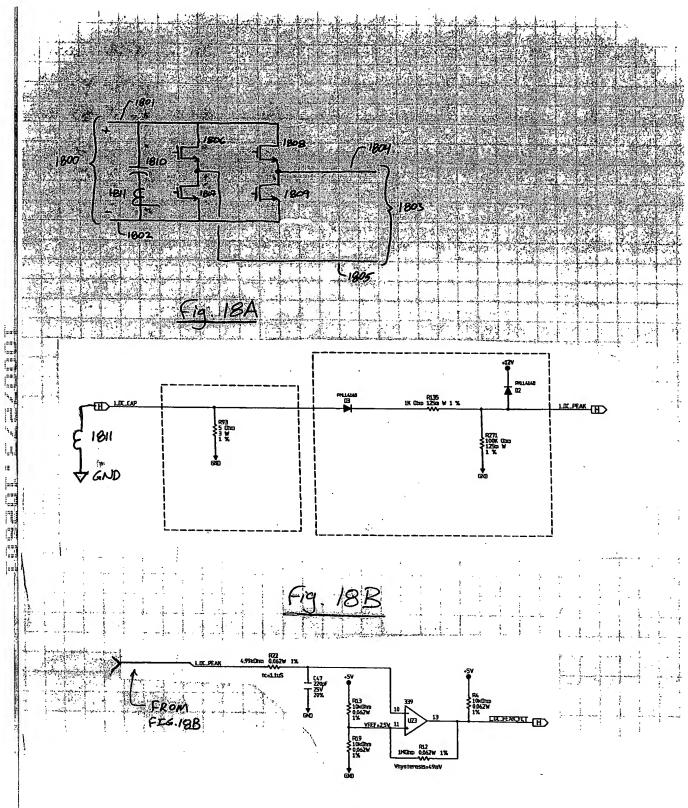
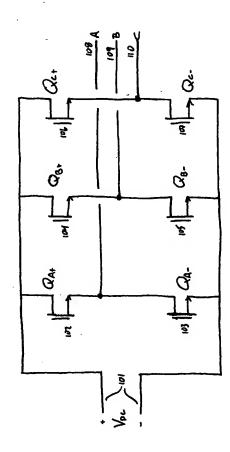


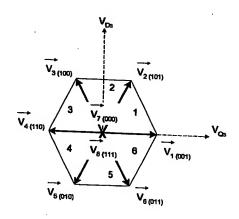
Fig.18c



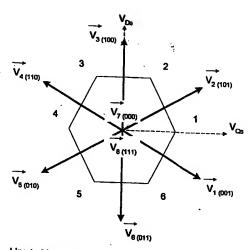


Switch (0 = OFF, 1 = ONG								Line to Line Votage Vectors				
S _{C.}	88	8,,	VAN	VEN	V _{CN}	V=[V _{Qs} , V _{Ds}]T	Vector	V _{AB}		The Party State of Mary State of State		
0	Ö.	. 1	2/3 V _{do}	-1/3 V ₀₀	-1/3 V	2/3 V ₀₀ Z0°	V ₁ , , ,	V _{dc}	V _{BC}	V _{CA}	V = [V _{Os} V _{Ds}]T	Vecto
1	Ô	1	1/3 V	-2/3 V ₀₀	1/3 V ₀₀	2/3 V _{de} ∠60°	$\overline{V_2}$	2	0	-V _{dq}	2/√3, V _{do} ∠-30°	. V,
1	0	0	-1/3 V ₀₀	-1/3 V ₀₀				V _{dic}	-V _{dc}	0	2/√3 V _{do} ∠30°	$\overline{V_2}$
1	1	Ó	-2/3 V	1/3 V _{do}	1/3 V _{de}	2/3 V _{do} ∠180°		0	-V _{oc}	V _{do}	2/√3 V _{do} ∠90°	$\overrightarrow{V_3}$
0	1	ò	-1/3 V _{do}	2/3 V _{do}	-1/3 V _{do}	20 V (2400	_ V _	-V _{dc}	0	V _{cto71}	2/√3 V _{do} ∠150°	<u>V</u> ,
0	1	1	1/3 V _{dc}	1/3 V _{do}			V _B ≥	- V _{dc}	V _{dc}	0	21√3 V _{do} ∠210°	V ₆
· 0	0	0	0	170 000	-2/3 V _{dq}	2/3 V _{do} ∠300°	V ₆	. 0	V _{do}	-V _{de}	2/√3 V _{do} ∠270°	V _e *
1	1		0		0	0	$\overline{V_{7}}$	0	0	0	0	√,
and the		ا عبد المحدد	the same of the same of	L	0	O N), Equivalent Line	$\overline{V_8}$	0	0,	. 0	0	$\overline{V_{a}}$

Fig. 20

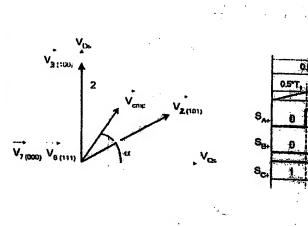


Line to Neutral Voltage Vectors Projected Onto The DQs Axis (Note: (001) = S_{o} , OFF, S_{b} , OFF, S_{c} , ON)



Line to Line Voltage Vectors Projected Onto The DQs Axis (Note: (001) = $S_{o.}$ OFF, $S_{g.}$ OFF, $S_{h.}$ ON)

Fig. 21



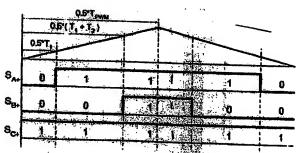
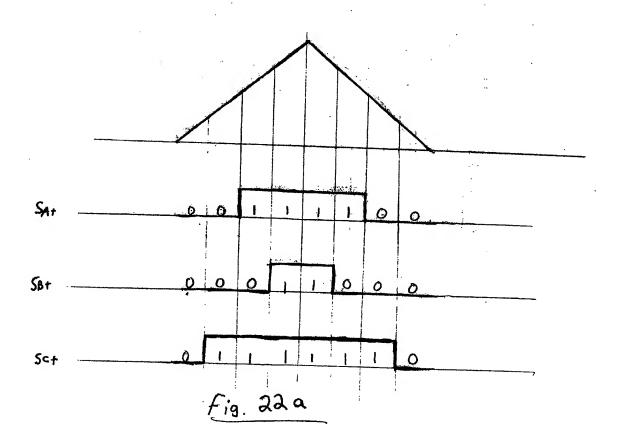


Fig. 22





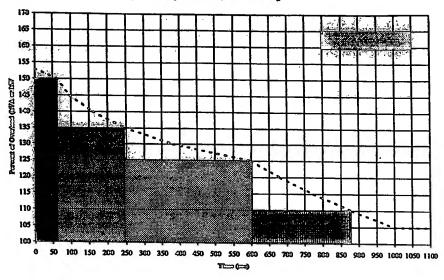


Fig. 23

Equivalent Watt - Seconds as Camputed from Overland Characteristics Curve

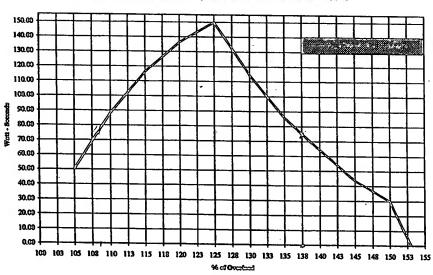


Fig. 24

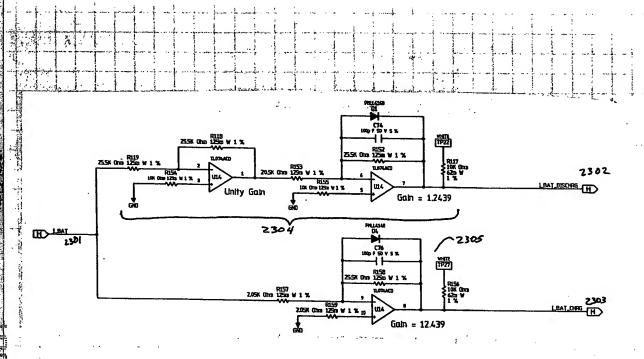


Fig. 25

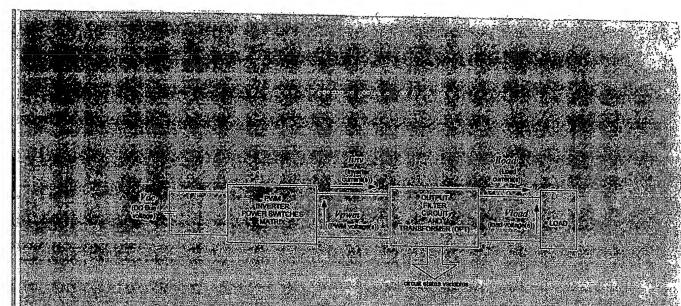


Fig. 26

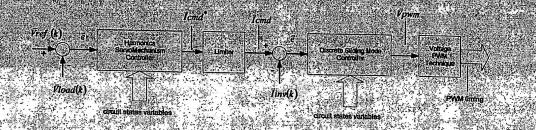


Fig. 27

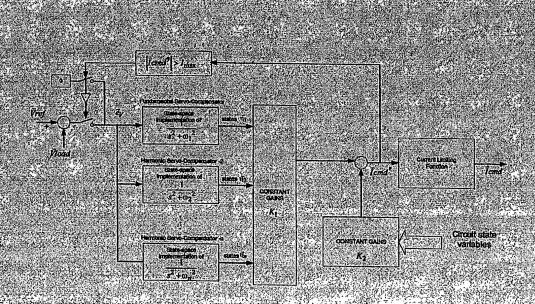


Fig 29

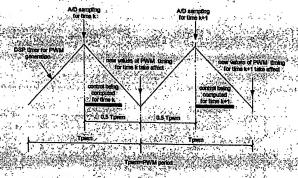


Fig. 29

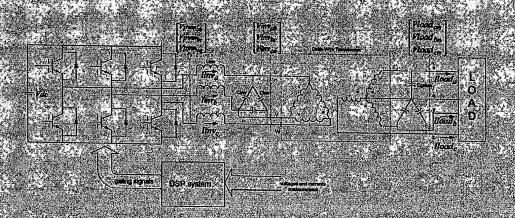


Fig. 30

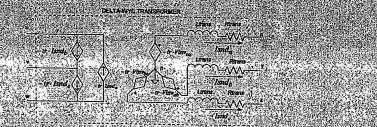


Fig. 31

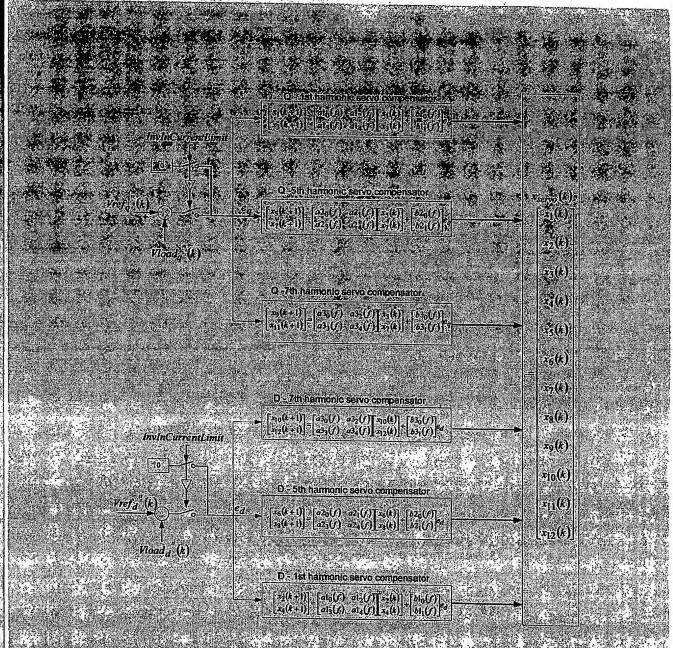


Fig. 32 Discrete time servo compensator

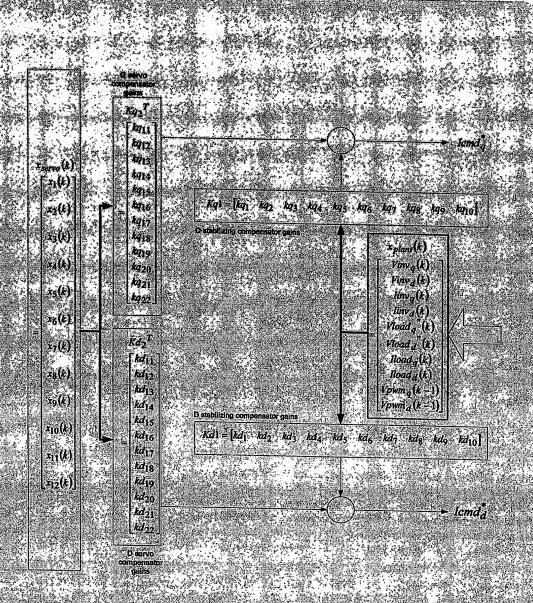


Fig. 33 Discrete time servo compensator (cont.)

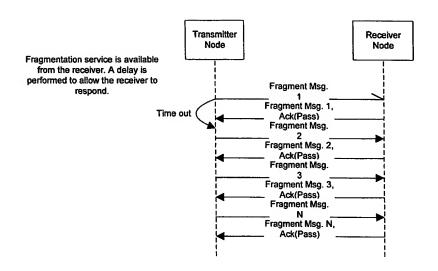


Fig. 36

Fig. 37

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